

Serial No.: 09/378,196

Attorney Docket No.: 99P7442US01

**IN THE CLAIMS:**

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A telecommunications system, comprising:  
a packet switched network;

one or more telephony devices coupled to said packet switched network, said one or more telephony devices configured to communicate using one or more coding algorithms; and

a bandwidth allocation server configured to cause a renegotiation of which of said coding algorithms said one or more telephony devices communicates with while said one or more telephony devices are communicating using a predetermined coding algorithm;

wherein said bandwidth allocation server is adapted to transmit one or more renegotiation signals to one or more telephony devices involved in a communication a telephony device seeks to join and one or more telephony devices involved in another communication, wherein said one or more renegotiation signals include one or more signals instructing one or more telephony devices to adjust a coding hierarchy.

2. (Original) A telecommunications system in accordance with claim 1, said packet switched network being H.323 compatible

3. (Previously Presented) A telecommunications system in accordance with claim 1, said bandwidth allocation server configured to initiate said re-negotiation if one or more existing connections have a quality of service (QoS) level which may be altered.

4. (Original) A telecommunications system in accordance with claim 1, said bandwidth allocation server configured to initiate said renegotiation if a level of data traffic exceeds a predetermined threshold.

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5. (Currently Amended) A method for operating a telecommunication system, comprising:

monitoring network usage at a bandwidth allocation server, said monitoring including monitoring a plurality of conference calls; and

changing codec speed for said plurality of conference calls based on said monitoring network usage, responsive to signals from said bandwidth allocation server, wherein said signals from said bandwidth allocation server include signals to adjust a coding hierarchy.

6. (Original) A method according to claim 5, including determining whether an existing connection has a lower quality of service (QoS) than another connection, and changing said codec speed for said existing connection responsive to said determining

7. (Previously Presented) A method according to claim 5, including determining whether data traffic on a monitored network has exceeded a predetermined threshold.

8. (Currently amended) A telecommunications device, comprising:  
means for establishing a connection with another telecommunications device using a first coding algorithm; and  
means for changing a communication over said connection from said first coding algorithm to a second coding algorithm, said changing means responsive to one or more signals from a bandwidth allocation server that monitors network conditions, said bandwidth allocation server adapted to transmit said signals to all active multimedia entities, said signals including instructions to adjust one or more coding hierarchies.

9. (Original) A telecommunications device according to claim 8, including means for directing said another telecommunications device to renegotiate coding algorithm from said first to said second coding algorithm.

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10. (Original) A telecommunications device according to claim 8, said changing means including means for monitoring network usage.

11. (Previously Presented) A telecommunications device according to claim 10, wherein said monitoring means monitors said network usage for levels of data traffic.

12. (Previously Presented) A telecommunications device according to claim 10, wherein said monitoring means monitors said network usage for actual and requested quality of service (QoS) levels.

13. (Original) A telecommunications device according to claim 12, wherein said changing means changes from said first coding algorithm to said second coding algorithm if said connection has a lower QoS than another connection.

14. (New) A telecommunications system, comprising:  
a packet switched network;  
one or more telephony devices coupled to said packet switched network, said one or more telephony devices configured to communicate using one or more coding algorithms; and  
a bandwidth allocation server configured to cause a renegotiation of which of said coding algorithms said one or more telephony devices communicates with while said one or more telephony devices are communicating using a predetermined coding algorithm;  
wherein said bandwidth allocation server is adapted to transmit one or more renegotiation signals to one or more telephony devices involved in a communication a telephony device seeks to join and one or more telephony devices involved in another communication;

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wherein said bandwidth allocation server is configured to cause said renegotiation responsive to a modified demand threshold determination, said modified demand being calculated substantially according to the following:

$MD = (D * VLA) / EA$ , where MD is modified demand, D is demand (available network bandwidth divided by the number of idle users); VLA is percentage voice load allowed, and EA is percentage of calls expected to be activated.